

Claims

WHAT IS CLAIMED IS:

1. - 10. (canceled)

11. (new) A method for automatically processing and evaluating medical data for the purpose of determining and providing diagnostic and/or medical-care relevant information based on a plurality of available data sources, the method comprising the steps of:

acquiring all data sources in a common data pool;

evaluating each data source based on predefined criteria;

saving results of the step of evaluating in correlation to the data sources, respectively;

referencing data contained in the data pool such that elements of the data pool that are correlated with regard to contents are linked and displayable automatically as being correlated;

producing, based on the data sources in accordance with predetermined boundary conditions, a structured summary in the form of a virtual data sheet.

12. (new) The method according to claim 11, wherein the predefined criteria based on which each data source is evaluated comprises at least one criterion selected from the group of criteria consisting of: origin of a data source, quality of a data source, age of a data source, formal quality of a data source, and contents quality of a data source.

13. (new) The method according to claim 11, further comprising the step of combining information in blocks on the virtual data sheet, wherein the blocks contain information in regard to at least one aspect of the group of aspects consisting of: identity of

a patient, special risks, vaccination status, blood type, diagnoses, surgeries/interventions, current therapies, symptoms/differential diagnosis, current diagnostics, catheter/implants, stoma/wounds, organ function profile central nervous system, organ function profile heart, organ function profile blood vessels, organ function profile lungs/tracheal bronchial tract, organ function profile kidneys/urinary tract, organ function profile liver/biliary tract, organ function profile gastrointestinal tract, organ function profile pancreas, organ function profile genital system, organ function profile blood/coagulation, organ function profile endocrine system, organ function profile metabolism, organ function profile immunological system, organ function peripheral nervous system, organ function profile skin/mucous membranes, organ function profile skeleton/muscles/connective tissue, organ function profile eyes/throat/nose/ears, organ function profile teeth status, social status, and care status.

14. (new) The method according to claim 11, wherein the predetermined boundary conditions take into account the results of the step of evaluating the data sources.

15. (new) The method according to claim 11, wherein the data pool is validated by being checked based on predetermined criteria in regard to whether the data contained in the data pool are correct.

16. (new) The method according to claim 11, further comprising the steps of displaying the virtual data sheet on a screen and configuring the virtual data sheet as a hypertext document such that by clicking on an element of the data sheet additional elements of the data sheet or of the data pool that are linked with said element are retrieved.

17. (new) The method according to claim 16, further comprising the step of

configuring the virtual data sheet such that by clicking on one of the elements of the data sheet all of the additional elements linked therewith and indicated within the data sheet are visually highlighted so that immediately all correlated elements are recognizable and by clicking again or by double-clicking one of the elements of the data sheet a list opens in which list at least the data sources upon which said one of the elements of the data sheet is based are retrievably combined.

18. (new) The method according to claim 11, further comprising the step of automatically checking correctness of a diagnosis code of the data sources when the data sources contain a diagnosis code.

19. (new) The method according to claim 18, further comprising the step of querying a preferably autodidactic database containing typical diagnosis code errors when the step of automatically checking correctness indicates an error.

20. (new) An arrangement for automatic processing and evaluating medical data for the purpose of determining diagnostic and/or medical-care relevant health data based on a variety of available data sources, the arrangement comprising a computer system comprising several components and configured for performing the method according to claim 11.